Paul Waweru

Software Engineer

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Summary

A proficient software engineer with proven skills in both backend and front-end development through various large-scale and complex applications. Learning quickly, working with others and demonstrating reliability are a few key skills that have been acquired and developed throughout the aforementioned roles.

Key Skills

Javascript: Vanilla Javascript, React, Redux, ES6, Node.js, Webpack (with a keen interest in React Native), HTML5, CSS

BDD/TDD: Mocha, Jest, Chai, Enzyme, Cucumber

Java: JUnit, Spring Boot

Methodologies: Agile (weekly sprints, sprint planning, retrospectives etc.) with JIRA

Version Control: Git

Work experience

Applications Engineer
November 2017 - Present

Medidata Solutions

- Transitioned to a full-stack position whilst on-boarding a greenfield project named Study Management, a web application for managing clinical trials. The project comprised of **React** on the front-end (including **Redux**, **reselect**, and **redux-saga**), and **Node.js** (with **Express**) on the backend for managing **RESTful API's**.
- **Test-Driven Development** with **Mocha** as a testing framework, **Chai** for assertions, **Enzyme** for unit testing React components.
- **Behaviour-Driven Development** with **Cucumber** for defining scenarios and step definitions.

Associate Applications Engineer
June 2016 - November 2017

Medidata Solutions

- Applied knowledge and experience with **Java** and **object-oriented design** through the Master Data Sync project which entailed building API's for external services to make use of.
- Applied **Spring Boot** framework as a foundation for the API's, and conducted **Test-Driven/Behaviour-Driven Development** with **JUnit** and **Mockito**.
- **Pair-programmed** with senior engineers to build on knowledge and experience.

Technology & Analyst Intern
June 2015 - September 2015

Medidata Solutions

- 10-week summer internship, working closely with senior engineers through understanding the **software development lifecycle**.
- Showcased contributions to several teams across different departments in the company, including weekly presentations to staff in New York.

Education

BSc. Computer Science (Software Engineering)   September 2013 - June 2016

University of Hertfordshire

Whilst obtaining a First Class Honours, studying at Hertfordshire enabled me to acquire the necessary foundation that pertains to Computer Science, especially object-oriented fundamentals and building skills in programming. My final year project, wherein I built an Android application, helped with understanding the software development process in which many software projects today rely on.

Final Year Project – The Development of a Location-Aware Tweet Distribution Application (Android) - http://bit.ly/2pPSGJz

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